

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	OCT 02	CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	3	OCT 19	BEILSTEIN updated with new compounds
NEWS	4	NOV 15	Derwent Indian patent publication number format enhanced
NEWS	5	NOV 19	WPIX enhanced with XML display format
NEWS	6	NOV 30	ICSD reloaded with enhancements
NEWS	7	DEC 04	LINPADOCDB now available on STN
NEWS	8	DEC 14	BEILSTEIN pricing structure to change
NEWS	9	DEC 17	USPATOLD added to additional database clusters
NEWS	10	DEC 17	IMSDRUGCONF removed from database clusters and STN
NEWS	11	DEC 17	DGENE now includes more than 10 million sequences
NEWS	12	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS	13	DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS	14	DEC 17	CA/CAPplus enhanced with new custom IPC display formats
NEWS	15	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS	16	JAN 02	STN pricing information for 2008 now available
NEWS	17	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	18	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	19	JAN 28	MARPAT searching enhanced
NEWS	20	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	21	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	22	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	23	FEB 08	STN Express, Version 8.3, now available
NEWS	24	FEB 20	PCI now available as a replacement to DPCI
NEWS	25	FEB 25	IFIREF reloaded with enhancements
NEWS	26	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	27	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 19:56:16 ON 29 MAR 2008

=>

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
6.30	6.30

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:14:29 ON 29 MAR 2008

69 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s bioabsorbable filament? and lumen? and cells and (dermal or epidermal) and graft?

28 FILES SEARCHED...

53 FILES SEARCHED...

2 FILE USPATFULL

1 FILE USPAT2

2 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L1 QUE BIOABSORBABLE FILAMENT? AND LUMEN? AND CELLS AND (DERMAL OR EPIDERMAL) AND GRAFT?

=> file uspatfull uspat2

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.30	7.60

FULL ESTIMATED COST

FILE 'USPATFULL' ENTERED AT 20:15:46 ON 29 MAR 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 20:15:46 ON 29 MAR 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l1

L2 3 L1

=> d l2 1-3

L2 ANSWER 1 OF 3 USPATFULL on STN

AN 2007:309836 USPATFULL

TI Bioabsorbable Magnesium-Reinforced Polymer Stents

IN Doty, David, Forestville, CA, UNITED STATES

PA Medtronic Vascular. Inc., Santa Rosa, CA, UNITED STATES, 95403 (U.S. corporation)

PI US 2007270940 A1 20071122

AI US 2007-744977 A1 20070507 (11)
PRAI US 2006-747389P 20060516 (60)
DT Utility
FS APPLICATION
LN.CNT 509
INCL INCLM: 623/001.220
INCLS: 623/001.380
NCL NCLM: 623/001.220
NCLS: 623/001.380
IC IPCI A61F0002-88 [I,A]; A61F0002-82 [I,C*]
IPCR A61F0002-82 [I,C]; A61F0002-88 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 3 USPATFULL on STN
AN 2007:12415 USPATFULL
TI Biomimetic biosynthetic nerve implant
IN Romero-Ortega, Mario I., Coppell, TX, UNITED STATES
Galvan-Garcia, Pedro, Irving, TX, UNITED STATES
PI US 2007010831 A1 20070111
US 2007100358 A2 20070503
AI US 2006-418927 A1 20060505 (11)
RLI Continuation-in-part of Ser. No. WO 2004-US38087, filed on 5 Nov 2004,
PENDING Continuation-in-part of Ser. No. US 2002-209966, filed on 1 Aug
2002, ABANDONED
PRAI US 2003-517572P 20031105 (60)
DT Utility
FS APPLICATION
LN.CNT 1209
INCL INCLM: 606/152.000
NCL NCLM: 606/152.000
IC IPCI A61B0017-08 [I,A]; A61B0017-03 [I,C*]
IPCI-2 A61B0017-08 [I,A]; A61B0017-03 [I,C*]
IPCR A61B0017-03 [I,C]; A61B0017-08 [I,A]

L2 ANSWER 3 OF 3 USPAT2 on STN
AN 2007:12415 USPAT2
TI A Biomimetic Synthetic Nerve Implant
IN Romero-Ortega, Mario, 3100 Sugarbush Ln., Carrollton, TX, UNITED STATES
75007
Galvan-Garcia, Pedro, RR 21, Box 109-PG, Mission, TX, UNITED STATES
78572
PA Texas Scottish Rite Hospital for Children, Dallas, TX, UNITED STATES,
75218-3993 (U.S. corporation)
PI US 2007100358 A2 20070503
AI US 2006-418927 A1 20060505 (11)
RLI Continuation-in-part of Ser. No. WO 2004-US38087, filed on 5 Nov 2004,
UNKNOWN
PRAI US 2003-517572P 20031105 (60)
DT Utility
FS APPLICATION
LN.CNT 1207
INCL INCLM: 606/152.000
NCL NCLM: 606/152.000
IC IPCI A61B0017-08 [I,A]; A61B0017-03 [I,C*]
IPCI-2 A61B0017-08 [I,A]; A61B0017-03 [I,C*]
IPCR A61B0017-03 [I,C]; A61B0017-08 [I,A]

=> d hist

(FILE 'HOME' ENTERED AT 19:56:16 ON 29 MAR 2008)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:14:29 ON 29 MAR 2008
SEA BIOABSORBABLE FILAMENT? AND LUMEN? AND CELLS AND (DERMAL OR

2 FILE USPATFULL

1 FILE USPAT2

L1 QUE BIOABSORBABLE FILAMENT? AND LUMEN? AND CELLS AND (DERMAL OR

FILE 'USPATFULL, USPAT2' ENTERED AT 20:15:46 ON 29 MAR 2008

L2 3 S L1

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.15

13.75

STN INTERNATIONAL LOGOFF AT 20:16:22 ON 29 MAR 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 NOV 21 CAS patent coverage to include exemplified prophetic
substances identified in English-, French-, German-,
and Japanese-language basic patents from 2004-present
NEWS 3 NOV 26 MARPAT enhanced with FSORT command
NEWS 4 NOV 26 CHEMSAFE now available on STN Easy
NEWS 5 NOV 26 Two new SET commands increase convenience of STN
searching
NEWS 6 DEC 01 ChemPort single article sales feature unavailable
NEWS 7 DEC 12 GBFULL now offers single source for full-text
coverage of complete UK patent families
NEWS 8 DEC 17 Fifty-one pharmaceutical ingredients added to PS
NEWS 9 JAN 06 The retention policy for unread STNmail messages
will change in 2009 for STN-Columbus and STN-Tokyo
NEWS 10 JAN 07 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
Classification Data

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 22:58:31 ON 01 FEB 2009

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

0.22	0.22
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INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 22:59:14 ON 01 FEB 2009

68 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s graft and filament and lumen and hydrophilic interior and cells and (epiderm? or derm?)

27 FILES SEARCHED...

58 FILES SEARCHED...

1 FILE USPATFULL

1 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L1 QUE GRAFT AND FILAMENT AND LUMEN AND HYDROPHILIC INTERIOR AND CELLS AND (EPIDERM? OR DERM?)

=> file uspatfull

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

2.72	2.94
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FILE 'USPATFULL' ENTERED AT 23:01:19 ON 01 FEB 2009

CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 29 Jan 2009 (20090129/PD)

FILE LAST UPDATED: 29 Jan 2009 (20090129/ED)

HIGHEST GRANTED PATENT NUMBER: US7484247

HIGHEST APPLICATION PUBLICATION NUMBER: US20090031463

CA INDEXING IS CURRENT THROUGH 29 Jan 2009 (20090129/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 29 Jan 2009 (20090129/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2008

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2008

USPATFULL now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

```
=> s 11
      86699 GRAFT
      91228 FILAMENT
      73834 LUMEN
      176609 HYDROPHILIC
      862942 INTERIOR
          199 HYDROPHILIC INTERIOR
              (HYDROPHILIC(W) INTERIOR)
      644975 CELLS
      62831 EPIDERM?
      81886 DERM?
L2      1 GRAFT AND FILAMENT AND LUMEN AND HYDROPHILIC INTERIOR AND CELLS
          AND (EPIDERM? OR DERM?)
```

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=> d 12 1
```

```
L2      ANSWER 1 OF 1  USPATFULL on STN
AN      2005:247149  USPATFULL
TI      Tissue engineered biomimetic hair follicle graft
IN      Barrows, Thomas H., Austell, GA, UNITED STATES
          Cochran, Stephen A., Tucker, GA, UNITED STATES
          Marshall, Bryan, Atlanta, GA, UNITED STATES
PA      Aderans Research Institute, Inc., Beverly Hills, CA, UNITED STATES (U.S.
          corporation)
PI      US 20050214344      A1  20050929
AI      US 2004-810518      A1  20040326 (10)
DT      Utility
FS      APPLICATION
LN.CNT  1110
INCL    INCLM: 424/426.000
NCL     NCLM: 424/426.000
IC      [7]
          ICM      A61F002-00
          IPCI     A61F0002-00 [ICM,7]
          IPCR     A61L0027-00 [I,C*]; A61L0027-38 [I,A]; A61L0027-56 [I,A];
          A61L0027-58 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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=> d hist
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(FILE 'HOME' ENTERED AT 22:58:31 ON 01 FEB 2009)
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INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 22:59:14 ON 01 FEB 2009
      SEA GRAFT AND FILAMENT AND LUMEN AND HYDROPHILIC INTERIOR AND C
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      1  FILE USPATFULL
L1      QUE GRAFT AND FILAMENT AND LUMEN AND HYDROPHILIC INTERIOR AND C
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FILE 'USPATFULL' ENTERED AT 23:01:19 ON 01 FEB 2009
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L2      1 S L1
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=> logoff
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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
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LOGOFF? (Y)/N/HOLD:y
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COST IN U.S. DOLLARS
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SINCE FILE
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TOTAL
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ENTRY
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SESSION
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FULL ESTIMATED COST
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2.63
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5.57
```

STN INTERNATIONAL LOGOFF AT 23:01:47 ON 01 FEB 2009

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	DEC 01	ChemPort single article sales feature unavailable
NEWS	3	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	4	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	5	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	6	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	7	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	8	FEB 10	COMPENDEX reloaded and enhanced
NEWS	9	FEB 11	WTEXTILES reloaded and enhanced
NEWS	10	FEB 19	New patent-examiner citations in 300,000 CA/CAPplus patent records provide insights into related prior art
NEWS	11	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	12	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	13	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	14	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	15	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	16	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	17	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	18	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS	19	MAR 11	ESBIOBASE reloaded and enhanced
NEWS	20	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS	21	MAR 23	CA/CAPplus enhanced with more than 250,000 patent equivalents from China
NEWS	22	MAR 30	IMSPATENTS reloaded and enhanced
NEWS	23	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS	24	APR 07	STN is raising the limits on saved answers
NEWS	25	APR 24	CA/CAPplus now has more comprehensive patent assignee information

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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NEWS LOGIN Welcome Banner and News Items

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FILE 'HOME' ENTERED AT 21:41:11 ON 24 APR 2009

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.44	0.44

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 21:42:31 ON 24 APR 2009

68 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s bioabsorbable filament and central(p)lumen and hair(p)follicle and (epidermal
cells or dermal cells or ?dermis)

0* FILE ADISINSIGHT
0* FILE ADISNEWS
0* FILE AGRICOLA
0* FILE ANTE
0* FILE AQUALINE
0* FILE AQUASCI
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN
0* FILE CONFSCI
0* FILE CROPB
0* FILE CROPU

20 FILES SEARCHED...

0* FILE DDFB
0* FILE DDFU
0* FILE DGENE
0* FILE DRUGB
0* FILE DRUGMONOG2
0* FILE DRUGU
0* FILE FOMAD


```

0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
0* FILE HEALSAFE
0* FILE IMSDRUGNEWS

```

40 FILES SEARCHED...

```

0* FILE KOSMET
0* FILE LIFESCI
0* FILE NTIS
0* FILE NUTRACEUT
0* FILE OCEAN
0* FILE PASCAL
0* FILE PCTGEN
0* FILE PHARMAML
0* FILE PROMT
0* FILE SYNTHLINE

```

59 FILES SEARCHED...

```

0* FILE VETB
0* FILE VETU
0* FILE WATER

```

0 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L1 QUE BIOABSORBABLE FILAMENT AND CENTRAL(P) LUMEN AND HAIR(P) FOLLICLE AND (EPIDERMAL CELLS OR DERMAL CELLS OR ?DERMIS)

=> s hair(p)graft and bioabsorbable(p)filament

```

0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN
0* FILE FOMAD
0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
2 FILE IFIPAT
0* FILE KOSMET
0* FILE NTIS
0* FILE NUTRACEUT
0* FILE PASCAL
0* FILE PHARMAML
4 FILE USPATFULL
0* FILE WATER
1 FILE WPIDS
1 FILE WPINDEX

```

4 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L2 QUE HAIR(P) GRAFT AND BIOABSORBABLE(P) FILAMENT

=> file ifipat uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.72	3.16

FILE 'IFIPAT' ENTERED AT 21:44:55 ON 24 APR 2009
 COPYRIGHT (C) 2009 IFI CLAIMS(R) Patent Services (IFI)

FILE 'USPATFULL' ENTERED AT 21:44:55 ON 24 APR 2009
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l2

L3 6 L2

=> rem dup l3

DUP IS NOT VALID HERE

The DELETE command is used to remove various items stored by the system.

To delete a saved query, saved answer set, saved L-number list, SDI request, batch request, mailing list, or user-defined cluster, format, or search field, enter the name. The name may include ? for left, right, or simultaneous left and right truncation.

Examples:

DELETE BIO?/Q	- delete query names starting with BIO
DELETE ?DRUG/A	- delete answer set names ending with DRUG
DELETE ?ELEC?/L	- delete L-number lists containing ELEC
DELETE ANTICOAG/S	- delete SDI request
DELETE ENZYME/B	- delete batch request
DELETE .MYCLUSTER	- delete user-defined cluster
DELETE .MYFORMAT	- delete user-defined display format
DELETE .MYFIELD	- delete user-defined search field
DELETE NAMELIST MYLIST	- delete mailing list

To delete an ordered document or an offline print, enter its number.

Examples:

DELETE P123001C	- delete print request
DELETE D134002C	- delete document order request

To delete an individual L-number or range of L-numbers, enter the L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

DELETE L21	- delete a single L-number
DELETE L3-L6	- delete a range of L-numbers
DELETE LAST 4	- delete the last 4 L-numbers
DELETE L33-	- delete L33 and any higher L-number
DELETE -L55	- delete L55 and any lower L-number
DELETE L2-L6 RENUMBER	- delete a range of L-numbers and renumber remaining L-numbers
DELETE RENUMBER	- renumber L-numbers after deletion of intermediate L-numbers

Entire sets of saved items, SDI requests, batch requests, user-defined items, or E-numbers can be deleted.

Examples:

DELETE SAVED/Q	- delete all saved queries
DELETE SAVED/A	- delete all saved answer sets

DELETE SAVED/L - delete all saved L-number lists
 DELETE SAVED - delete all saved queries, answer sets,
 and L-number lists
 DELETE SAVED/S - delete all SDI requests
 DELETE SAVED/B - delete all batch requests
 DELETE CLUSTER - delete all user-defined clusters
 DELETE FORMAT - delete all user-defined display formats
 DELETE FIELD - delete all user-defined search fields
 DELETE SELECT - delete all E-numbers
 DELETE HISTORY - delete all L-numbers and restart the
 session at L1

To delete an entire multifile SDI request, enter DELETE and
 the name of the request. To delete a component from the
 multifile SDI, enter DELETE and the name of the component.

```

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4          4 DUP REM L3 (2 DUPLICATES REMOVED)
  
```

```

=> d l4 1-4
  
```

```

L4  ANSWER 1 OF 4  IFIPAT  COPYRIGHT 2009 IFI on STN  DUPLICATE 1
AN   11472320  IFIPAT;IFIUDB;IFICDB
TI   Hair grafts derived from plucked hair
IN   Barrows Thomas H; Cochran Stephen A; Marshall Bryan; Schlicher Robyn; Su
      Yandong
PA   Aderans Research Institute Inc (64038)
PI   US 20070122387  A1  20070531
AI   US 2006-603818      20061122
PRAI US 2005-738881P      20051122 (Provisional)
FI   US 20070122387      20070531
DT   Utility; Patent Application - First Publication
FS   CHEMICAL
      APPLICATION
ED   Entered STN: 5 Jun 2007
      Last Updated on STN: 13 Jun 2007
CLMN 33
GI   11 Figure(s).
      FIG. 1 is a confocal photomicrograph of a plucked hair having
      adhered epidermal stem cells. The epidermal stem cells are revealed by
      their uptake of a fluorescently labeled antibody to the CD200 cell
      surface protein.
      FIG. 2 is a confocal photomicrograph of a plucked hair that has
      been incubated in vitro with follicular dermal cells double labeled with
      fluorescently labeled antibodies to the CD73 (orange) and CD90 (green)
      cell surface proteins. CD90 labels all types of dermal cells. CD73 is a
      known marker for mesenchymal stem cells.
      FIG. 2a (inset) is a confocal photomicrograph showing the population of
      cells in which the plucked hair of FIG. 2 was incubated.
      FIG. 3 is a photograph of the underside of skin of a SCID mouse at the
      site of implantation of a traditional human scalp follicular unit
      hair graft comprised of 2 hairs.
      FIG. 3a (inset at right) is a photograph of the same two hair
      shafts growing from the human hair graft implantation
      as seen on the surface of the SCID mouse skin.
      FIG. 3b (inset at left) is a photograph of a typical plucked hair
      having adhered epidermal stem cells.
      FIG. 4 is a photograph of a plucked hair prior to implantation
      partially loaded into a 27 gauge hypodermic needle. The protruding end of
      the hair in the needle has a "club" end. Several other hairs
      with similar club ends are shown after implantation where the club ends
  
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are now buried beneath the skin.
 FIG. 5 is a photograph of the hypodermic needle, loaded with a plucked hair and saline solution that has been injected into the skin and withdrawn slightly.
 FIG. 6 is a photograph of a plucked hair that has been properly implanted.
 FIG. 7 is an H&E stained histological section of biopsied pig skin at the site where trichogenic newborn pig (same-breed) skin cells were implanted at the interface between the fat and the dermis. A plucked hair devoid of living cells was implanted with the trichogenic cells.
 FIG. 8 is a photograph of an implanted plucked hair, having adhered epidermal stem cells and associated follicular dermal cells, placed under the skin of a nu/nu mouse for 20 weeks.

L4 ANSWER 2 OF 4 USPATFULL on STN
 AN 2007:236812 USPATFULL
 TI Tear and abrasion resistant expanded material and reinforcement
 IN Scanlon, John James, Wilmington, DE, UNITED STATES
 Scanlon, Catherine Ann, Wilmington, DE, UNITED STATES
 PI US 20070207186 A1 20070906
 AI US 2007-713361 A1 20070303 (11)
 PRAI US 2006-779128P 20060304 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 7752
 INCL INCLM: 424/424.000
 INCLS: 623/001.490; 623/001.420
 NCL NCLM: 424/424.000
 NCLS: 623/001.420; 623/001.490
 IC IPCI A61F0002-06 [I,A]; A61F0002-94 [N,A]; A61F0002-82 [N,C*]
 IPCR A61F0002-06 [I,C]; A61F0002-06 [I,A]; A61F0002-82 [N,C];
 A61F0002-94 [N,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 4 USPATFULL on STN
 AN 2007:95565 USPATFULL
 TI Bioabsorbable plug implants and method for bone tissue regeneration
 IN Teoh, Swee Hin, Singapore, SINGAPORE
 Cheng Tan, Kim, Singapore, SINGAPORE
 Hutmacher, Dietmar, Singapore, SINGAPORE
 Lim, Thiam Chye, Singapore, SINGAPORE
 Schantz, Jan-Thorsten, Singapore, SINGAPORE
 Chou, Ning, Singapore, SINGAPORE
 PA Osteopore International Pte Ltd, Singapore, SINGAPORE, 117684 (non-U.S. corporation)
 PI US 20070083268 A1 20070412
 AI US 2004-579946 A1 20041122 (10)
 WO 2004-SG380 20041122
 20060522 PCT 371 date
 PRAI US 2003-60524278 20031121
 DT Utility
 FS APPLICATION
 LN.CNT 1213
 INCL INCLM: 623/017.190
 INCLS: 623/023.630
 NCL NCLM: 623/017.190
 NCLS: 623/023.630
 IC IPCI A61F0002-02 [I,A]; A61F0002-28 [I,A]
 IPCR A61F0002-02 [I,C]; A61F0002-02 [I,A]; A61F0002-00 [N,C*];
 A61F0002-00 [N,A]; A61F0002-28 [I,C]; A61F0002-28 [I,A];
 A61F0002-30 [N,C*]; A61F0002-30 [N,A]; A61L0031-00 [I,C*];
 A61L0031-00 [I,A]; A61L0031-04 [I,C*]; A61L0031-06 [I,A];

L4 ANSWER 4 OF 4 IFIPAT COPYRIGHT 2009 IFI on STN DUPLICATE 2

AN 10975608 IFIPAT;IFIUDB;IFICDB

TI Tissue engineered biomimetic hair follicle graft

IN Barrows Thomas H; Cochran Stephen A; Marshall Bryan

PA Aderans Research Institute Inc (64038)

PI US 20050214344 A1 20050929

AI US 2004-810518 20040326

FI US 20050214344 20050929

DT Utility; Patent Application - First Publication

FS CHEMICAL

APPLICATION

OS CA 143:332653

ED Entered STN: 2 Oct 2005

Last Updated on STN: 2 Oct 2005

CLMN 31

GI 16 Figure(s).

FIG. 1 is a cross-sectional schematic representation of a hollow filament of the present invention showing a solid outer filament (1) of bioabsorbable polymer, a porous inner filament (2) of the same or different bioabsorbable polymer, and a central lumen (3).

FIG. 2 is a cross-sectional schematic representation of the hollow filament of FIG. 1 showing cells (4) (e.g. keratinocytes) that have been seeded into the porous inner filament by wicking a suspension of cells into the lumen of the filament and a clump of cells (5) (e.g. cultured dermal papilla cells or a hair follicle fragment) that has been seeded into the lumen of the filament by mechanically forcing it into an open end of the filament.

FIG. 3 is a cross-sectional schematic representation of the filament of FIG. 2 shortly after implantation in the skin such that the proximal end (6) is in the dermis (7) and the distal end (8) is surrounded by down-grown epidermis (9).

FIG. 4 is a scanning electron micrograph (SEM) of a hollow filament of the present invention made of a porous copolymer of d,l-lactide and glycolide (PLGA).

FIG. 5 is an SEM of the porous inner surface of the hollow filament of FIG. 4, which was exposed by cutting open the tube.

FIG. 6 is a light photomicrograph showing a filament (10) with the construction shown in FIG. 1 wherein the outer filament (1) is made of solid PLGA and the porous inner filament (2) is made of crosslinked hyaluronic acid (HAX). FIG. 6 also shows a filament (11) made of PLGA containing no HAX. Both filaments were placed on a drop of water (12) colored red with food color dye. The PLGA only fiber (11) floated on the top of the water and did not wick any water into the lumen of the fiber, whereas the HAX-containing PLGA fiber (10) rapidly wicked the water into the lumen, giving the fiber a red color.

FIG. 7(A) is a photograph of a mouse vibrissa (whisker) follicle (13) and a PLGA hollow filament (14) with an inside diameter of sufficient size to accommodate the excised follicle.

FIG. 7(B) is a photograph of the PLGA hollow filament of FIG. 7(A) with the follicle (13) inserted into the lumen.

FIG. 8 is a photograph of a mouse whisker (15) that was observed growing on the back of a mouse against the background of regrown shaved pelage hair (16) 30 days post-implantation of a vibrissa follicle contained in a PLGA hollow filament.

FIG. 9 is a photomicrograph of a hair follicle bulb (17) and hair shaft (18) growing under the skin of a mouse 30 days postimplantation of a mixture of cells obtained from neonatal mouse skin contained in a PLGA hollow filament (19).

FIG. 10 is a side-by-side comparison of two photomicrographs taken at the same magnification of the underside of skin excised from a nude mouse that had been injected 13 days previously with cells obtained from newborn black mouse epidermis and dermis. Panel A shows the control injection site and panel B shows the injection site containing exactly the same number of cells except that the injection fluid also contained 5% (w/v) of chondroitin-6-sulfate, which resulted in the neogenesis of hair follicles that are larger and more numerous than the control.

FIG. 11 also is a side-by-side comparison of two photomicrographs taken at the same magnification of the underside of skin excised from a nude mouse that had been injected 13 days previously with cells obtained from newborn black mouse epidermis and dermis. Panel A shows the same control injection site of FIG. 10 and panel C shows the injection site in the same mouse containing exactly the same number of cells except that the injection fluid also contained 20% (w/v) of Pluronic (TM) F-127 surfactant (a copolymer of ethylene and propylene oxides), which resulted in the neogenesis of hair follicles that are larger than those in the control.

FIG. 12 is a cross-sectional schematic representation of a hollow filament of the present invention in which the lumen (20) is slightly tapered to a closed end (21) attached to a porous plug (22).

FIG. 13 is a cross-sectional schematic representation of a hollow filament of the present invention showing a fine pipette tip (23) containing cells (24) and fluid (25) that has been inserted into the tapered lumen (20).

FIG. 14 cross-sectional schematic representation of a hollow filament of the present invention showing a suspension of fluid (25) and cells (24) being expelled from a pipette tip (23) whereby the cells collect in the closed end of the lumen (21) and the fluid (25) is fully absorbed in the porous plug (22).

FIG. 15 is a photograph of the hollow filament scaffold of Example 10 and a 10-microliter pipette tip (26) identical to the one that was used as a mandrel in the process for making this embodiment of the present invention. The sheath (27) is made of PLGA and the fibrous mass (28) contained in the bulbous tip (29) is made of crosslinked gelatin/chondroitin-6-sulfate filaments. Charcoal particles (30) collected in the proximal portion of the fibrous scaffold upon injection of a slurry of charcoal particles and water into the scaffold through a pipette tip inserted into the scaffold sheath.

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(FILE 'HOME' ENTERED AT 21:41:11 ON 24 APR 2009)

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SEA BIOABSORBABLE FILAMENT AND CENTRAL(P)LUMEN AND HAIR(P)FOLLI

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 SEA HAIR(P)GRAFT AND BIOABSORBABLE(P)FILAMENT

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 1 FILE WPINDEX

L2 QUE HAIR(P) GRAFT AND BIOABSORBABLE(P) FILAMENT

FILE 'IFIPAT, USPATFULL' ENTERED AT 21:44:55 ON 24 APR 2009

L3 6 S L2

L4 4 DUP REM L3 (2 DUPLICATES REMOVED)

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

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FULL ESTIMATED COST

10.55

13.71

STN INTERNATIONAL LOGOFF AT 21:45:29 ON 24 APR 2009

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NEWS	4	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	5	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	6	FEB 10	COMPENDEX reloaded and enhanced
NEWS	7	FEB 11	WTEXTILES reloaded and enhanced
NEWS	8	FEB 19	New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior art
NEWS	9	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	10	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	11	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	12	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	13	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	14	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	15	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	16	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS	17	MAR 11	ESBIOBASE reloaded and enhanced
NEWS	18	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS	19	MAR 23	CA/CAPLUS enhanced with more than 250,000 patent equivalents from China
NEWS	20	MAR 30	IMSPATENTS reloaded and enhanced
NEWS	21	APR 03	CAS coverage of exemplified prophetic substances enhanced

NEWS 22 APR 07 STN is raising the limits on saved answers
 NEWS 23 APR 24 CA/CAPplus now has more comprehensive patent assignee
 information
 NEWS 24 APR 26 USPATFULL and USPAT2 enhanced with patent
 assignment/reassignment information
 NEWS 25 APR 28 CAS patent authority coverage expanded
 NEWS 26 APR 28 ENCOMPLIT/ENCOMPLIT2 search fields enhanced
 NEWS 27 APR 28 Limits doubled for structure searching in CAS
 REGISTRY
 NEWS 28 MAY 08 STN Express, Version 8.4, now available
 NEWS 29 MAY 11 STN on the Web enhanced
 NEWS 30 MAY 11 BEILSTEIN substance information now available on
 STN Easy
 NEWS 31 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased
 limits for exact sequence match searches and
 introduction of free HIT display format
 NEWS 32 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal
 status data

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
 AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 20:34:26 ON 15 MAY 2009

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
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FULL ESTIMATED COST

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 CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
 DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:34:41 ON 15 MAY 2009

68 FILES IN THE FILE LIST IN STNINDEX

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=> s graft and central(p)lumen and bioabsorb? and hair follicle?

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64 FILES SEARCHED...
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2 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L1 QUE GRAFT AND CENTRAL(P) LUMEN AND BIOABSORB? AND HAIR FOLLICLE?

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.36	1.58

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 COPYRIGHT (C) 2009 IFI CLAIMS(R) Patent Services (IFI)

FILE 'USPATFULL' ENTERED AT 20:35:54 ON 15 MAY 2009
 CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

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L2 2 L1

=> dup rem l2

PROCESSING COMPLETED FOR L2

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=> d l3 1

L3 ANSWER 1 OF 1 IFIPAT COPYRIGHT 2009 IFI on STN DUPLICATE 1

AN 10975608 IFIPAT;IFIUDB;IFICDB

TI Tissue engineered biomimetic hair follicle
 graft

IN Barrows Thomas H; Cochran Stephen A; Marshall Bryan

PA Aderans Research Institute Inc (64038)

PI US 20050214344 A1 20050929

AI US 2004-810518 20040326

FI US 20050214344 20050929

DT Utility; Patent Application - First Publication

FS CHEMICAL

APPLICATION

OS CA 143:332653

ED Entered STN: 2 Oct 2005

Last Updated on STN: 2 Oct 2005

CLMN 31

GI 16 Figure(s).

FIG. 1 is a cross-sectional schematic representation of a hollow filament of the present invention showing a solid outer filament (1) of bioabsorbable polymer, a porous inner filament (2) of the same or

different bioabsorbable polymer, and a central lumen (3).

FIG. 2 is a cross-sectional schematic representation of the hollow filament of FIG. 1 showing cells (4) (e.g. keratinocytes) that have been seeded into the porous inner filament by wicking a suspension of cells into the lumen of the filament and a clump of cells (5) (e.g. cultured dermal papilla cells or a hair follicle fragment) that has been seeded into the lumen of the filament by mechanically forcing it into an open end of the filament.

FIG. 3 is a cross-sectional schematic representation of the filament of FIG. 2 shortly after implantation in the skin such that the proximal end (6) is in the dermis (7) and the distal end (8) is surrounded by down-grown epidermis (9).

FIG. 4 is a scanning electron micrograph (SEM) of a hollow filament of the present invention made of a porous copolymer of d,l-lactide and glycolide (PLGA).

FIG. 5 is an SEM of the porous inner surface of the hollow filament of FIG. 4, which was exposed by cutting open the tube.

FIG. 6 is a light photomicrograph showing a filament (10) with the construction shown in FIG. 1 wherein the outer filament (1) is made of solid PLGA and the porous inner filament (2) is made of crosslinked hyaluronic acid (HAX). FIG. 6 also shows a filament (11) made of PLGA containing no HAX. Both filaments were placed on a drop of water (12) colored red with food color dye. The PLGA only fiber (11) floated on the top of the water and did not wick any water into the lumen of the fiber, whereas the HAX-containing PLGA fiber (10) rapidly wicked the water into the lumen, giving the fiber a red color.

FIG. 7(A) is a photograph of a mouse vibrissa (whisker) follicle (13) and a PLGA hollow filament (14) with an inside diameter of sufficient size to accommodate the excised follicle.

FIG. 7(B) is a photograph of the PLGA hollow filament of FIG. 7(A) with the follicle (13) inserted into the lumen.

FIG. 8 is a photograph of a mouse whisker (15) that was observed growing on the back of a mouse against the background of regrown shaved pelage hair (16) 30 days post-implantation of a vibrissa follicle contained in a PLGA hollow filament.

FIG. 9 is a photomicrograph of a hair follicle bulb (17) and hair shaft (18) growing under the skin of a mouse 30 days postimplantation of a mixture of cells obtained from neonatal mouse skin contained in a PLGA hollow filament (19).

FIG. 10 is a side-by-side comparison of two photomicrographs taken at the same magnification of the underside of skin excised from a nude mouse that had been injected 13 days previously with cells obtained from newborn black mouse epidermis and dermis. Panel A shows the control injection site and panel B shows the injection site containing exactly the same number of cells except that the injection fluid also contained 5% (w/v) of chondroitin-6-sulfate, which resulted in the neogenesis of hair follicles that are larger and more numerous than the control.

FIG. 11 also is a side-by-side comparison of two photomicrographs taken at the same magnification of the underside of skin excised from a nude mouse that had been injected 13 days previously with cells obtained from newborn black mouse epidermis and dermis. Panel A shows the same control injection site of FIG. 10 and panel C shows the injection site in the same mouse containing exactly the same number of cells except that the injection fluid also contained 20% (w/v) of Pluronic (TM) F-127 surfactant (a copolymer of ethylene and propylene oxides), which resulted in the neogenesis of hair follicles that are larger than those in the control.

FIG. 12 is a cross-sectional schematic representation of a hollow filament of the present invention in which the lumen (20) is slightly tapered to a closed end (21) attached to a porous plug (22).

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FIG. 14 cross-sectional schematic representation of a hollow filament of the present invention showing a suspension of fluid (25) and cells (24) being expelled from a pipette tip (23) whereby the cells collect in the closed end of the lumen (21) and the fluid (25) is fully absorbed in the porous plug (22).

FIG. 15 is a photograph of the hollow filament scaffold of Example 10 and a 10-microliter pipette tip (26) identical to the one that was used as a mandrel in the process for making this embodiment of the present invention. The sheath (27) is made of PLGA and the fibrous mass (28) contained in the bulbous tip (29) is made of crosslinked gelatin/chondroitin-6-sulfate filaments. Charcoal particles (30) collected in the proximal portion of the fibrous scaffold upon injection of a slurry of charcoal particles and water into the scaffold through a pipette tip inserted into the scaffold sheath.

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SEA GRAFT AND CENTRAL(P) LUMEN AND BIOABSORB? AND HAIR FOLLICLE?

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LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

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